

OPTICAL PATH CONVERTING BODY AND ITS PACKAGING STRUCTURE AND OPTICAL MODULE

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Abstract of JP2003014987

PROBLEM TO BE SOLVED: To provide an optical path converting reflection body for use in optical communication which is provided with simple structure and its packaging structure and an optical module. **SOLUTION:** This optical path converting body is made to be an optical path converting body 15 in which a light incident plane 15a on which light from the outside of its main body having translucency and which is formed in a pillar shape is made incident and a slope 20 reflecting the light entering from the light incident plane 15a in the inside of the main body and a light-emitting surface 15b for emitting the light reflected on the slope 20 to the outside of the main body are formed respectively on side faces of the main body and also convex condensing lens parts 18, 19 are formed respectively in the light incident plane 15a, and the light-emitting surface 15b and an optical module is made to have structure in which a surface light emitting element 11 is provided on the lower positional surface 12b of a substrate 12 on which the lower positional surface 12b and a higher positional surface 12a having difference of elevation are formed and the optical path converting body 15 is provided on the higher positional surface 12a.

